INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/04410

A. CLASSIFICATION OF SUBJECT MATTER IPC: C21B 3/02(2007.01)			
USPC: 75/539,303 According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 75/539,303, 10.57			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOC	UMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.
Y	US 4,208,388 A (NICHOLSON) 17 June 1980 (17.0 line 65-col. 2 line 30, col. 5 line 16-col. 6 line 24.	6.1980), abstract, col. 1 lines 5-35 col. 1	1-5
Y	US 4541617 A (OKANE et al.) 17 September 1985 (17.09.1985), abstract, Figs 1 and 2, col. 1-5 2 lines 37-41 and col. 6 lines 1-10		
Y	US 5,733,356 A (KONIG et al.) 31 March 1998 (31.03.1998), abstract, Fig. 1, col. 4 line 2- 0 - col. 5 line 34, col. 2 lines 17-30.		
Y	JP 62-228412 A (KAWASAKI STEEL CO.), 07 October 1987 (07.10.1987), abstract and 1, 2, 4 and 5 Figure 1		
Further documents are listed in the continuation of Box C. See patent family annex.			
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of		"I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
particular relevance "B" earlier application or patent published on or after the international filing date		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious	
"O" document	referring to an oral disclosure, use, exhibition or other means	to a person skilled in the art	
"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent family	
Date of the actual completion of the international search 27 October 2006 (27.10.2006)		Date of mailing of the international search report 22 NOV 2006	
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